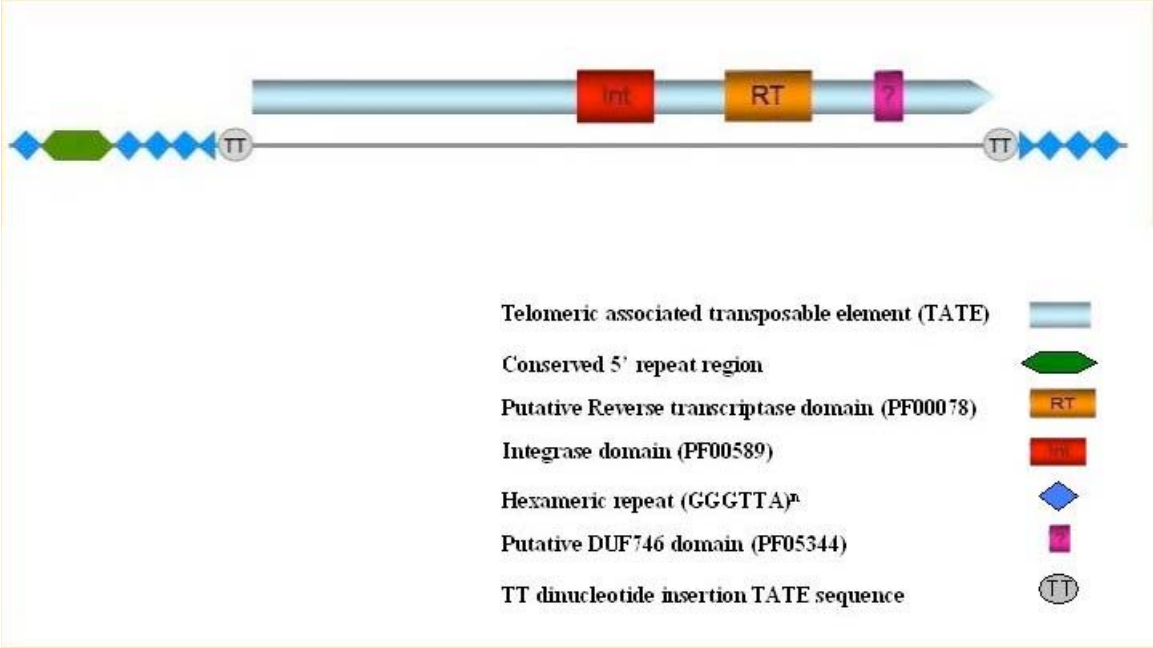
Supplementary Fig 1. The predicted structure of the Telomere Associated Transposable Elements (TATEs) found in *L. braziliensis*



These appear to be site-specific with the insertion point (TT dinucleotide grey circles) being inside the telomeric hexamer repeats (blue diamonds). Although these elements do not contain an endonuclease domain as found in non-LTR retrotransposons, they do have a putative integrase-like domain ('Int'), which is related to the transposase domains found in DNA transposons. Sequencing through a 40kb segment revealed that these elements can appear in tandemly repeated couples of short and long sequences similar to that observed with RIME/Ingi transposable elements in *T. brucei*. 'RT' indicates the position of a domain with weak similarity to reverse transcriptase (e-value 10^{-2}). The DUF746 domain ('?'), although uncharacterised in terms of function, it is a short conserved sequence found in some DNA transposons.